DOCKET NO.: MS303621.01/MSFTP467US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Applicant:	**Jennifer Chayes, *et al.***
Serial No.:	**10/603,034**
Filed:	**June 24, 2003**
For:	**NEWS GROUP CLUSTERING BASED ON CROSS-POST GRAPH**
Art Unit:	**2171**
Examiner:	**Unknown**

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1.   Pursuant to 37 C.F.R. §1.97 and §1.98, and in compliance with 37 C.F.R. §1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications; (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. §120; and/or (c) U.S. Patent(s) and published applications(s).

     Serial No.:   _____   _____
     Filing Date: _____   _____

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2.   Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

     (a) ☐   Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.

     (b) ☐   Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3.   Pursuant to 37 C.F.R. §1.97(b) this Statement is being filed (one must be checked):

     (a) ☐   Within 3 months of the filing date or date of entry into the National Stage.

     (b) ☒   Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. 50-1063 for consideration of this Statement.

     (c) ☐   Before the mailing date of an Office Action after the filing of a request for continued examination under 1.114.

(d) ☐   After the period set forth in 37 C.F.R. §1.97(b) but before the mailing date of either a final action or a notice of allowance.

    (1) ☐   The required certification is given below, <u>or</u>

    (2) ☐   Regarding the fee set forth in 37 C.F.R. §1.17(p) for consideration of this Statement :

        (i) ☐   Enclosed is a check covering the fee;

        (ii) ☐   Charge the fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. 50-1063; or

        (iii) ☐   Enclosed is a credit card payment form covering the fee.

(e) ☐   After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below. Regarding the fee set forth in 37 C.F.R. §1.17(i)(1) for consideration of this Statement:

    (1) ☐   Enclosed is a check covering the fee;

    (2) ☐   Charge the fee set forth in 37 C.F.R. §1.17(i)(1) to Deposit Account No. 50-1063; or

    (3) ☐   Enclosed is a credit card payment form covering the fee.

4.   Certification (if applicable)

(a) ☐   The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.

(b) ☐   The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than 3 months prior to the filing of this Statement.

5.   The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-1063.
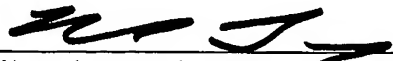
Respectfully Submitted,

By_____

Himanshu S. Amin
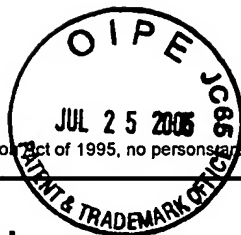Reg. No. 40,894

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<u>CERTIFICATE OF MAILING</u>
I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450. Alexandria, VA 22313-1450.

_____7-26-05_____   _____
Date   Himanshu S. Amin

Substitute for form 1449B/PTO **SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT** *(Use as many sheets as necessary)*				*Complete if Known*	
				Application Number	10/603,034
				Filing Date	June 24, 2003
				First Named Inventor	Jennifer Chayes
				Art Unit	2171
				Examiner Name	David S. Warren
Sheet	1	of	1	Attorney Docket Number	MS303621.01/MSFTP467US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		LARS HAGEN, et al., New Spectral Methods for Ratio Cut Partitioning and Clustering, IEEE Transactions on Computer-Aided Design, September 1992, pp. 1074-1085, Vol. 11 - No. 9.	
		R. KANNAN, et al., Majara: Fast Comprehensive Keyword Summary and Classification, http://web.archive.org/web/20020208070931/cluster.cs.yale.edu.html	
		CHRISTOS H. PAPADIMITRIOU, et al., Latent Semantic Indexing: A Probabilistic Analysis, PODS 98, 1998, pp. 158-168, Seattle, WA, USA.	
		ALEX PATHON, et al., Partitioning Sparse Matrices With Eigenvectors or Graphs, SIAM J. Matrix Anal. Appl., July 1990, pp. 430-452, Vol. 11-No.3.	
		JIANBO SHI, et al., Normalized Cuts and Image Segmentation, IEEE Transactions on Pattern Analysis and Machine Intelligence, August 2000, pp. 888-905, Vol. 22-No.8.	

Examiner Signature		Date Considered	